Serial No. 09/772,287 Page 2 of 18

IN THE SPECIFICATION

Please replace the paragraphs in the specification with the amended paragraphs as follows:

Page 1, lines 5-11:

This invention is related to simultaneously filed U.S. Patent Applications Serial Nos. <u>09/772,288</u> and ______(Attorney Docket No. DIVA-255 and Attorney Docket No. DIVA-256), filed on the same date as this application, and such applications are is herein incorporated by reference in their entireties its entirety.

Page 4, lines 12-18:

FIG. 1 depicts a high-level block diagram of an interactive information distribution system 100. One exemplary distribution system 100 is for video-on-demand (VOD) is described in U.S. Patent Application No. 08/984,710, filed December 3, 19976,253,375, and hereby incorporated herein by reference in its entirety. In such a VOD system 100, a user may request and receive a particular content selection, e.g., video, movie, or programming content from a service provider without any time restrictions (e.g., time slots) such as those normally associated with cable and television programming.

Page 5, line 29 through Page 6, line 6:

The infrastructure system manager 140 having a controller 160, and memory (not shown) coordinates a user request from the subscriber equipment 115 by passing the user request to the stream caching server 102, and then establishing a session between the subscriber equipment and the stream caching server 102. An exemplary infrastructure system manager 140 is the DIVA System Manager (DSM), as further described in so filed patent application entitled "Method and Apparatus for Managing an Interactive Information Distribution System", Docket No. DIVA 256, and authored by Son et al., which is hereby incorporated by reference herein in its entirety.

Serial No. 09/772,287 Page 3 of 18

Page 7, lines 1-21:

FIG. 3B depicts one embodiment of a Realtime Transport Packet (RTP) 330 encapsulated in a payload section 320 of the IP packet 300 of FIG. 3A. The RTP packet 330 comprises a RTP header 340 and a RTP payload 350. The RTP payload 350 contains the actual packetized content (e.g., MPEG-2 transport packets 352 through 356) containing the subject matter (e.g., movie, audio, data, and the like) that a subscriber or user is interested in retrieving. The format of the packetized content 252 through 256 may be in the packetized format as received from the content provider, or transcoded during the preprocessing operation by the packet processor 144 into a format that accommodates the stream server 102. In particular, the number of content packets positioned in the RTP payload is dependent on design limitations of the server components. Specifically, the IP packets are striped across an array of disks in the storage medium 148 such that each respective data block or "extent" stored on a disk has a size corresponding to a predefined amount of IP packets. The size of the read block is a multiple integer of the RTP packet size. Furthermore, the RTP packet is sized to optimize the use of a buffer in the packet processor 144, which has a specific memory capacity (e.g., 1Kbyte). As such, the RTP packet 330 is sized such that a multiple integer of RTP payloads 350 may be read by a read block to thereby minimize the latencies in retrieving and streaming content from the stream caching server 102 to the distribution network 104.[[.]] For a detailed understanding of defining extent size for storing data streams having different bit rates, the reader is directed to Patent Application-Serial No. 09/458,337, filed December 10, 1999,6,282,207 which is hereby incorporated by reference herein in its entirety.

Page 16, lines 15-22:

Another inventive aspect of the system 100 involves streaming of content in real time. The server 102 continuously receives content from a remote server 202 and streams the received content in real time to a plurality of subscriber terminals. Additionally, the server 102 may store and stream content that is preprocessed in accordance to the IP format. Such preprocessing is described in co-filed patent application entitled "Method and Apparatus For Preprocessing and Post Processing

301735-1

Serial No. 09/772,287 Page 4 of 18

content in an Interactive Information Distribution System", Docket DIVA 255, authored by Son et al., and filed _____Patent Application Serial No. 09/772,288, which is hereby incorporated herein by reference in its entirety.